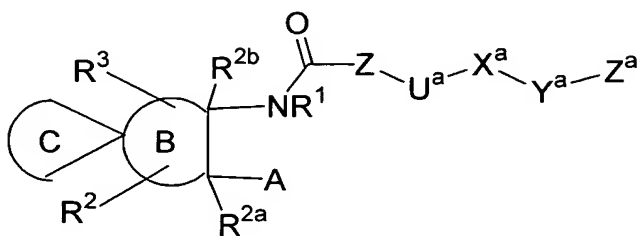


## ABSTRACT

The present application describes novel spiro-cyclic  $\beta$ -amino acid derivatives of formula I:



5

I

or pharmaceutically acceptable salt forms thereof,  
 wherein ring B is a 3-13 membered carbocycle or  
 heterocycle, ring C forms a 3-11 membered spiro-  
 carbocycle or spiro-heterocycle on ring B, and the other  
 10 variables are defined in the present specification, which  
 are useful as as matrix metalloproteinases (MMP), TNF- $\alpha$   
 converting enzyme (TACE), and/or aggrecanase inhibitors.